

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION OF PRIOR POWERS OF ATTORNEY
AND
APPOINTMENT OF NEW POWERS OF ATTORNEY

To the Commissioner of Patents and Trademarks

I hereby revoke all previous powers of attorney given in the applications listed below and I hereby appoint the practitioners associated with the Customer Number 1912 as attorneys or agents to represent the undersigned before the United States Patent and Trademark Office in connection with any and all patent and patent applications listed below.

COUNTRY	APPLN NO.	FILING DATE	TITLE
U.S.	13/096,509	04/28/2011	GAMING PARAMETERS
U.S.	13/017,279	01/31/2011	RESIDUAL VALUE GAMES, U LOTS LOTTERIES, AGENTS AND
U.S.	12/949,013	11/18/2010	DISTRIBUTION OF DISTRIBUTIONS
U.S.	12/701,373	02/05/2010	NON-SCALAR-VALUED FINANCIAL INSTRUMENTS
U.S.	12/696,576	01/29/2010	TAMPER-RESISTANT FINANCIAL INSTRUMENTS
U.S.	61/281,496	11/18/2009	TRANSPARENCY, VALUATION AND LIQUIDITY: SYSTEMS FOR MANAGING THE INTERCONNECTIONS AND MULTI-DISTRIBUTIONAL RISK MODELS METHOD AND SYSTEM FOR SAFE CALCULATION AND DATA
U.S.	12/471,790	05/26/2009	CATEGORIZING BELIEFS ABOUT DATA
U.S.	12/244,022	10/02/2008	STABILIZATION FINANCIAL SYSTEMS

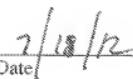
COUNTRY	APPLN NO.	FILING DATE	TITLE
U.S.	11/894,936	08/22/2007	METHOD AND SYSTEM FOR PROTECTED CALCULATION AND TRANSMISSION OF SENSITIVE DATA
U.S.	60/839,239	08/22/2006	METHOD AND SYSTEM FOR PROTECTED CALCULATION AND TRANSMISSION OF SENSITIVE DATA
U.S.	11/367,838	03/04/2006	DIVERSATIVES
U.S.	60/698,216	07/11/2005	METHOD AND SYSTEM FOR PRODUCING UNCORRELATED RETURNS
U.S.	60/669,607	04/01/2005	DIVERSATIVES
U.S.	60/659,035	03/05/2005	FINANCIAL INSTRUMENTS WITH SPECIFIED CORRELATION
PCT	2004/41175	12/08/2004	NON-SCALAR-VALUED FINANCIAL INSTRUMENTS
U.S.	10/736,464	12/14/2003	METHOD AND SYSTEM FOR SAFE CALCULATION AND DATA
U.S.	10/733,483	12/11/2003	NON-SCALAR-VALUED FINANCIAL INSTRUMENTS
U.S.	10/733,482	12/11/2003	PROGRAMMABLE FINANCIAL INSTRUMENTS
U.S.	60/433,200	12/14/2002	METHOD AND SYSTEM FOR SAFE CALCULATION AND DATA
U.S.	60/432,852	12/12/2002	NON-SCALAR-VALUED FINANCIAL INSTRUMENTS
U.S.	60/432,851	12/12/2002	PROGRAMMABLE FINANCIAL INSTRUMENTS
U.S.	10/043,071 (7,407,436)	01/08/2002 (08/05/2008)	METHOD AND SYSTEM FOR INCREASING EXPECTED RATE OF RETURN AND MAXIMUM PAYOUT IN A GAME WITH ONE OR MORE PLAYERS

COUNTRY	APPLN NO.	FILING DATE	TITLE
U.S.	10/001,475	11/01/2001	METHOD AND SYSTEM FOR MANAGING COMMITMENTS, REDUCING MEASUREMENT ERRORS AND MAKING SAFE DISCLOSURES
U.S.	60/260,548	01/08/2001	SAFE DISCLOSURE FACILITY
U.S.	60/260,551	01/08/2001	ADVANCED PRICE NEGOTIATOR FOR TWO TRADING PARTIES
U.S.	60/260,547	01/08/2001	ENHANCED GAMING SYSTEM
U.S.	60/260,546	01/08/2001	SECURITIES COLLATERALIZED BY OUTCOME OR RANDOM EVENTS
U.S.	60/251,019	12/04/2000	METHOD AND APPARATUS FOR HELPING PHILANTHROPISTS FIND WORTHY CHARITABLE AND RELATED ORGANIZATIONS
U.S.	60/245,552	11/03/2000	METHOD AND SYSTEM FOR FACILITATING INTELLECTUAL PROPERTY RIGHTS NEGOTIATIONS
U.S.	60/245,044	11/01/2000	METHOD AND SYSTEM FOR REDUCING COSTS ASSOCIATED WITH LAUNCH OF NEW VENTURES
U.S.	60/643,292	01/12/2005	RESIDUAL VALUE LOTTERIES
U.S.	11/332,419	01/13/2006	RESIDUAL VALUE GAMES
U.S.	61/215,384	05/05/2009	METHOD AND SYSTEM FOR INCREASING EXPECTED RETURN AND/OR ASSOCIATED PARAMETERS IN A GAME OF ONE OR MORE PLAYERS
U.S.	12/503,295	07/15/2009	GAMING PARAMETERS
U.S.	61/337,175	01/31/2010	RESIDUAL VALUE GAMES, NULLOTS LOTTERIES, AGENTS, AND INVESTMENTS

COUNTRY	APPLN NO.	FILING DATE	TITLE
U.S.	61/206,318	01/29/2009	TAMPER-RESISTANT FINANCIAL INSTRUMENTS
U.S.	61/128,976	05/27/2008	METHOD AND SYSTEM FOR CATEGORIZING KNOWLEDGE, BELIEFS OR DATA
U.S.	11/382,083	05/08/2006	PROGRAMMABLE FINANCIAL INSTRUMENTS
U.S.	61/192,452	09/18/2008	METHOD AND SYSTEM FOR STABILIZING FINANCIAL, ECONOMIC,OR OTHER COMPLEX SYSTEMS
U.S.	61/455,014	10/13/2010	SYSTEM FOR RESTORING CONFIDENCE TO A MARKET OR ECONOMY THROUGH USE OF CONDITIONAL COMMITMENTS
U.S.	61/575,063	08/15/2011	CONTINGENT COMMITMENT FACILITY
U.S.	61/575,502	08/22/2011	CONTINGENT COMMITMENT FACILITY
U.S.	61/575,522	08/23/2011	CONTINGENT COMMITMENT FACILITIES

Please change the correspondence address for the patents/applications identified above to the address associated with the Customer Number 1912.


MARC GROZ


Date 7/18/12